

Aero Design Ltd.

Work Order Control Sheet

Work Order#: 2015-02 Date Opened: 12 Jan 2015 Title: Assembly
 Aircraft OEM: Multiple Aircraft Model: Multiple Product Type: Handle Bracket Product Model: Multiple Quantity: 1

Work Order Contents

Work Order/Build Sheets (Procedures Provided)
 Additional Work Sheets (Standard Practice)
 Drawings (See List Below)
 Parts Distribution Sheet
 Sub Component Tags
 Completed Certification (Original)
 Time Sheet (R&D)
 Notes

Initial or N/A

N/A
N/A
OK
OK
N/A
OK
N/A
N/A

Build Sheet Contents

Tasks Initialled
 Dual Inspections Initialled

Initial or N/A

OK
OK

Drawing List

Drawing #	Rev #	Description	Initial or N/A
84267	1	Handle Bracket	JR

Component Completion

Quantity Complete on This Work Order
 Quantity Incomplete on This Work Order
 Further Processing Required Before Release
 Release to Stock as Components

As Instructed

140
N/A
N/A
OK

Certification

Form One Completed
 Serviceable (Green) Tag Completed
 In Process (Yellow) Tag Completed
 Unserviceable (Red) Tag Completed
 Parts Placed in Stores for Distribution

Initial or N/A

OK
OK
N/A
N/A
OK

Additional Documentation

Documentation of a minor change
 Non-Conformance Report Required
 Service Difficulty Report Required

Initial or N/A

N/A
N/A
N/A

Billing

Local (Aero Design)
 Research and Development
 Third Party

Initial or N/A

N/A
N/A
N/A

Traveller

Install walkway on lid
 Install lid on basket body
 Re-tap mounting lug holes and install mount lugs
 Install handle brackets
 Install handle
 Install lid prop
 Install data plate

Initial or N/A

N/A
N/A
N/A
N/A
N/A
N/A
N/A

Work performed by:

Print: MATT REKVE

Sign: [Signature]

SCA: AD06

Date: 16 July 15

ICC / Dual Inspection performed by:

Print: Jason Rekve

Sign: Jason Rekve

SCA: AD 01

Date: 15 Jul 15

Work Order closed by:

Print: Jason Rekve

Sign: Jason Rekve

SCA: AD 01

Date: 15 Jul 15

Approved Manufacturing Facility 73-04

Form 20.D.03

Rev. Original 23 Sep 2014

70 pcs x 2 sheets

COMPONENT – HANDLE BRACKET

General

These instructions apply to all cargo basket handle brackets. Refer to the following drawings, at the current revision, for dimensions and details:

All Models: 84267, Rev. 2

Work Order: 2015-02

Complete
(initial or SCA #)

Date Open: 12 JAN 2015

1. Prepare Stock

- a. Stock 0.75" Delrin (black acetal plastic) sheet, typically 2' x 4'.

Stock PO # 14094

- b. Rip stock strips 4.5" wide x 24" long (across sheet) on table saw. Ensure straight cuts.
c. Deburr edges.
d. Yellow tag stock strips and place on in progress shelf in machine shop.

AD06

2. CNC Machining

- a. Ensure CNC mill enclosure is completely clean and dry.
b. Locate stock strip in vises on CNC mill with 22" long jaws. Set 0 locations using aluminum bar.
c. Connect air line to automatic coolant nozzle.
d. Run CNC program for roughing and first side (O84201 and O84202). Repeat for all stock strips.
e. Update yellow tag and place rough machined strips in fabrication shop for cutting.

AD06

3. Cut Rough Stock

- a. Cut rough parts from strips along marked lines on strips.
b. Cut upper left corner from left bracket on end of strip, use another bracket as a guide.
c. Update yellow tag and place rough cut brackets on in progress shelf in machine shop.

AD06

4. CNC Machining

- a. Load jig for holding rough cut brackets in vises on CNC mill.
b. Run CNC program for finishing and second side (O84205 and O84299).
c. Load vise jaws for holding bracket for back slot
d. Run CNC program for inboard slot (O84206).
e. Deburr finished parts.

AD06

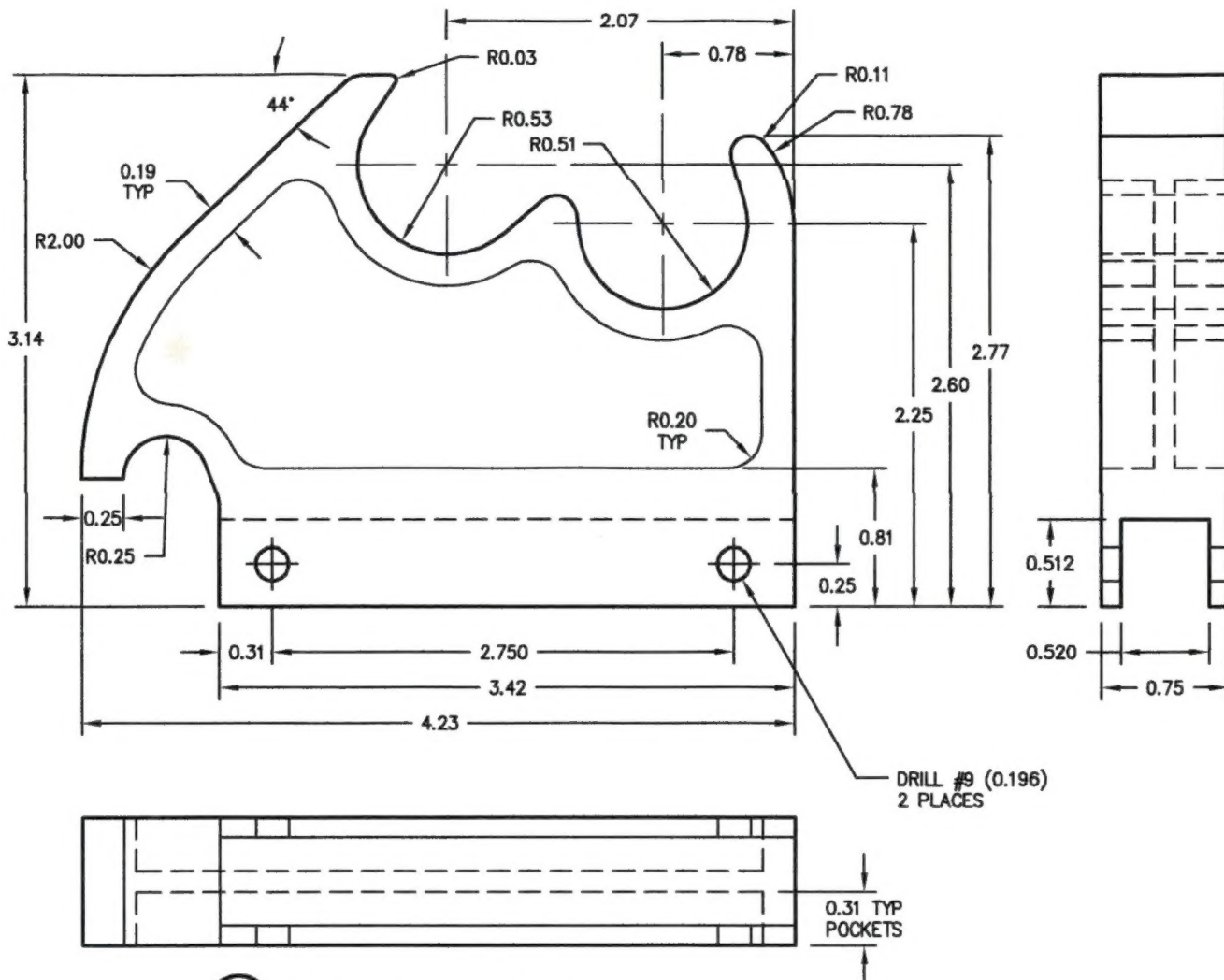
5. Final Inspection

To be completed by a different person than the previous steps.

- a. Green tag complete and inspected parts in preparation for installation.

AD06

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	TITLE BLOCK UPDATED	BJC	MAR 13/14



01 HANDLE BRACKET


PART TO BE CNC MACHINED USING DRAWING AS A TEMPLATE

NOTES

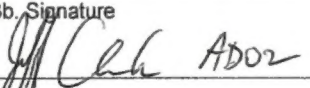
1. REMOVE ALL BURRS AND BREAK SHARP EDGES.

84267-01	01	HANDLE BRACKET	ACETAL PLASTIC	COMMERCIAL	0.75 SHEET
PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE

QTY	LIST OF MATERIALS
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NOTICE --- THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREIN.	APPROVALS		DATE			<div>AERO DESIGN LTD.</div> <div>9888A MALASPINA ROAD</div> <div>POWELL RIVER, BC, CANADA, V8A 0G3</div> <div>TEL: 604.483.2376 www.aerodesign.ca</div>				
	DRAWN: R. RATHWELL		JUNE 18/09							
	CHECKED: E. BURGOIN									
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2" X.XX ±0.03 X.X ±0.1					<div>HELICOPTER CARGO BASKET HANDLE BRACKET</div>				
					SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.		
					SHEET 1 OF 1	A4	84267	1		

[illegible]

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2015-02	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
	Handle Bracket	84267-01	4	N/A	New	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				 14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations. 		
13b. Signature		13c. Approved Organization Number		14b. Signature		14c. Approved Organization Number
		AMF 73-04				
13d. Name		13e. Date (dd/mmm/yyyy)		14d. Name		14e. Date (dd/mmm/yyyy)
Jeff Clarke - AD02		24 Nov 2015				
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

ALPINE


1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2015-02	
6. Item	7. Description Handle Bracket	8. Part Number 84267-01	9. Qty. 1	10. Serial/Batch No. N/A	11. Status/Work New	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.			
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.						
13b. Signature <i>Jeff Clarke AD02</i>		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 17 Mar 2015		14d. Name		14e. Date (dd/mmm/yyyy)
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

Yellowhead

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2015-02	
6. Item	7. Description Handle Bracket	8. Part Number 84267-01	9. Qty. 3	10. Serial/Batch No. N/A	11. Status/Work New	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.			
13b. Signature <i>Jeff Clarke - AD02</i>		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke - AD02		13e. Date (dd/mm/yyyy) 17 Mar 2015		14d. Name		14e. Date (dd/mm/yyyy)
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

Innukepteres

Sold
individually.

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 9888A Malaspina Road, Powell River, BC, V8A 0G3					5. Work Order/Contract/Invoice WO 2015-02	
6. Item	7. Description Handle Bracket	8. Part Number 94267-01	9. Qty. 2	10. Serial/Batch No. N/A	11. Status/Work New	
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.			
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.						
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke - AD02		13e. Date (dd/mmm/yyyy) 10 Nov 2015		14d. Name		14e. Date (dd/mmm/yyyy)
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

JELLYWAX UNIT